

## Abstract of the Disclosure

The invention relates to a method of detecting and identifying an object (O) which is provided with identification means (Io) and wireless transmission means (Ao), said object being disposed close to one receiver module (Mi) from among a plurality of receiver modules (M1,..., Mi, ..., Mn). The inventive method comprises: (i) an electromagnetic coupling between the object's wireless transmission means (Ao) and a fixed antenna (Ai) which is associated with the aforementioned receiver module (Mi); and (ii) an electrical coupling between the fixed antenna (Ai) of the receiver module (Mi) and a secondary fixed antenna (3) which is common to all of the fixed antennas (A1, , Ai, ..., An) of the receiver module. Moreover, the common secondary fixed antenna (3) is electromagnetically coupled to a primary fixed antenna (2) which is connected to a read module (4) that is designed to read the identification data originating from the identification means (Io).